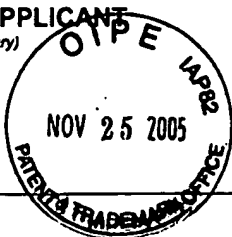


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/660,370
Filing Date	September 11, 2003
First Named Inventor	Shaw, James
Group Art Unit	1639
Examiner Name	Unknown T. Weigand

Sheet 1 of 3

Attorney Docket No: 1662.009US2

US PATENT DOCUMENTS

Examiner Initials*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2003/0148377A1	08/07/2003	Nishikawa, K., et al.	12/14/2001
	US-5,532,167	07/02/1996	Cantley, L. C., et al.	01/07/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
tau	WO-0192469A2	12/06/2001	Pestka, S.	
	WO-05028666A2	03/31/2005	Shaw, J. S., et al.	
✓	WO-9923109A2	05/14/1999	Clark, J., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
tau		"Phospho-(Ser) PKC Substrate Antibody", <u>Cell Signaling Technology Data Sheet</u> , <u>www.cellsignal.com</u> , (2003), 1-5	
		"Q8K0M8", <u>UniProtKB/TrEMBL Database</u> , (Oct. 1, 2002)	
		ASTOUL, EMMANUELLE, et al., "Approaches to Define Antigen Receptor-induced Serine Kinase Signal Transduction Pathways", <u>The Journal of Biological Chemistry</u> , 278(11), (Mar. 14, 2003), 9267-9275	
		BRUMELL, JOHN H., et al., "Regulation of Src Homology 2-containing Tyrosine Phosphatase 1 during Activation of Human Neutrophils", <u>The Journal of Biological Chemistry</u> , 272(2), (Jan. 10, 1997), 875-882	
		DOSTMANN, WOLFGANG R., et al., "Delineation of selective cyclic GMP-dependent protein kinase alpha substrate and inhibitor peptides based on combinatorial peptide libraries on paper", <u>Pharmacol. Ther.</u> , 82(2-3), (May-June, 1999), 373-387	
		FARKAS, ILONA, et al., "Two Glycogen Synthase Isoforms in <i>Saccharomyces cerevisiae</i> Are Coded by Distinct Genes That Are Differentially Controlled", <u>The Journal of Biological Chemistry</u> , 266(24), (Aug. 25, 1991), 15602-15607	
		FUJII, K., et al., "Kinase Peptide Specificity: Improved Determination and Relevance to Protein Phosphorylation", <u>The Proceedings of the National Academy of Science of the USA</u> , 101(38), (Sep. 21, 2004), 13744-13749	
		HIMPEL, SUNKE, et al., "Specificity Determinants of Substrate Recognition by the Protein Kinase DYRK1A", <u>The Journal of Biological Chemistry</u> , 275(4), (Jan. 28, 2000), 2431-2438	
✓		HOUGHTEN, RICHARD A., et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", <u>Nature</u> , 354(6348), (Nov. 7, 1991), 84-86	

EXAMINER

T. Weigand

DATE CONSIDERED

2/14/06

Substitute Disclosure Statement Form (PTO-1448)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/660,370
Filing Date	September 11, 2003
First Named Inventor	Shaw, James
Group Art Unit	1639
Examiner Name	Unknown T. Wesendorf

Sheet 2 of 3

Attorney Docket No: 1662.009US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TW		HOUGHTEN, R. A., et al., "The use of synthetic peptide combinatorial libraries for the identification of bioactive peptides", <u>BioTechniques</u> , 13(3), (Sept., 1992), 412-421	
		JONES, MATTHEW L., et al., "Regulation of SHP-1 Tyrosine Phosphatase In Human Platelets By Serine Phosphorylation At Its C-Terminus", <u>The American Society for Biochemistry and Molecular Biology, Inc.</u> , JBC Papers In Press as Manuscript M402970200, (July 21, 2004), 1-48	
		KOSUGI, ATSUSHI, et al., "Involvement of SHP-1 tyrosine phosphatase in TCR-mediated signaling pathways in lipid rafts", <u>Immunity</u> , 14(6), (June, 2001), 669-680	
		KREEGIPUU, ANDRES, et al., "Statistical analysis of protein kinase specificity determinants", <u>FEBS Letters</u> , 430(1-2), (June 23, 1998), 45-50	
		LAM, KIT S., et al., "A new type of synthetic peptide library for identifying ligand-binding activity", <u>Nature</u> , 354(6348), (Nov. 7, 1991), 82-84	
		LIU, YIN, et al., "Phosphorylation of the protein kinase C-theta activation loop and hydrophobic motif regulates its kinase activity, but only activation loop phosphorylation is critical to in vivo nuclear-factor-kappaB induction", <u>Biochem. J.</u> , 361(Pt 2), (Jan. 15, 2002), 255-265	
		NIKOLAKAKI, ELENI, et al., "Phosphorylation by LAMMER protein kinases: determination of a consensus site, identification of in vitro substrates, and implications for substrate preferences", <u>Biochemistry</u> , 41(6), (Feb. 12, 2002), 2055-2066	
		NISHIKAWA, KIYOTAKA, et al., "Determination of the Specific Substrate Sequence Motifs of Protein Kinase CX Isozymes", <u>The Journal of Biological Chemistry</u> , 272(2), (Jan. 10, 1997), 952-960	
		O'NEILL, TED, et al., "Determination of Substrate Motifs for Human Chk1 and hCds1/Chk2 by the Oriented Peptide Library Approach", <u>The Journal of Biological Chemistry</u> , 277(18), (May 3, 2002), 16102-16115	
		OBENAUER, JOHN C., et al., "Scansite 2.0: Proteome-wide prediction of cell signaling interactions using short sequence motifs", <u>Nucleic Acids Research</u> , 30(13), (July 1, 2003), 3635-3641	
		OKUMURA, MEINOSHIN, et al., "Regulation of Immune function by protein tyrosine phosphatases", <u>Current Opinion in Immunology</u> , 7, (1995), 312-319	
		PINILLA, CLEMENCIA, et al., "Rapid identification of high affinity peptide ligands using positional scanning synthetic peptide combinatorial libraries", <u>BioTechniques</u> , 13(6), (Dec., 1992), 901-5	
		SCHNEIDER, THOMAS D., et al., "Sequence logos: a new way to display consensus sequences", <u>Nucleic Acids Res.</u> , 18(20), (Oct. 25, 1990), 6097-100	
		SONGYANG, Z., et al., "A structural basis for substrate specificities of protein Ser/Thr kinases: primary sequence preference of casein kinases I and II, NIMA, phosphorylase kinase, calmodulin-dependent kinase II, CDK5, and Erk1", <u>Molecular and Cellular Biology</u> , 16(11), (Nov. 1996), 6486-6493	

EXAMINER

T. Wey

DATE CONSIDERED

2/4/06

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional): * Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/660,370
Filing Date	September 11, 2003
First Named Inventor	Shaw, James
Group Art Unit	1639
Examiner Name	Unknown T. Westendorf

Sheet 3 of 3

Attorney Docket No: 1662.009US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TW		SONGYANG, ZHOU, "Analysis of protein kinase specificity by peptide libraries and prediction of in vivo substrates", <u>Methods in Enzymology</u> , 332, (2001), 171-183	
		SONGYANG, ZHOU, et al., "Use of an oriented peptide library to determine the optimal substrates of protein kinases", <u>Current Biology</u> , 4(11), (Nov. 1, 1994), 973-982	
		STRACK, VOLKER, et al., "The Protein-tyrosine-phosphatase SHP2 is phosphorylated on serine residues 576 and 591 by protein kinase C isoforms alpha, beta 1, beta 2, and eta", <u>Biochemistry</u> , 41(2), (Jan. 15, 2002), 603-608	
		TEGGE, WERNER, et al., "Analysis of protein kinase substrate specificity by the use of peptide libraries on cellulose paper (SPOT-method).", <u>Methods in Molecular Biology</u> , 87, (1998), 99-106	
		TEGGE, WERNER, et al., "Determination of cyclic nucleotide-dependent protein kinase substrate specificity by the use of peptide libraries on cellulose paper", <u>Biochemistry</u> , 34(33), (1995), 10569-10577	
		TOPHAM, MATTHEW K., et al., "Protein kinase C regulates the nuclear localization of diacylglycerol kinase-zeta", <u>Nature</u> , 394(6694), (Aug. 13, 1998), 697-700	
		TURK, BENJAMIN E., et al., "Peptide libraries: at the crossroads of proteomics and bioinformatics", <u>Current Opinion in Chemical Biology</u> , 7, (2003), 84-90	
		UTTAMCHANDANI, MAHESH, et al., "Combinatorial peptide microarrays for the rapid determination of kinase specificity", <u>Bioorganic & Medicinal Chemistry Letters</u> , 13(18), (Sept. 15, 2003), 2997-3000	
		VELENTZA, ANASTASIA, et al., "A protein kinase associated with apoptosis and tumor suppression: structure, activity, and discovery of peptide substrates", <u>The Journal of Biological Chemistry</u> , 276(42), (Oct. 19, 2001), 38956-38965	
		YAFFE, MICHAEL B., et al., "A motif-based profile scanning approach for genome-wide prediction of signaling pathways", <u>Nature Biotechnology</u> , 19(4), (Apr., 2001), 348-353	
		ZHANG, HUI, et al., "Phosphoprotein analysis using antibodies broadly reactive against phosphorylated motifs", <u>The Journal of Biological Chemistry</u> , 277(42), (Oct. 18, 2002), 39379-39387	
		ZHANG, ZHONGSEN, et al., "The Role of C-terminal Tyrosine Phosphorylation in the Regulation of SHP-1 Explored via Expressed Protein Ligation", <u>The Journal of Biological Chemistry</u> , 278(7), (Feb. 14, 2003), 4668-4674	

EXAMINER

T. Wang

DATE CONSIDERED

2/14/06

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language translation is attached